IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

Claims 1. - 12. (canceled)

13. (currently amended) An image processing method for performing gradation matching between images formed by a first output unit and a second output unit which have different gradation-reproduction ranges, said image processing method comprising the steps of:

controlling ~~said~~ the first output unit to output a gradation image in accordance with image data representing gradation;

controlling ~~said~~ the second output unit to output a plurality of gradation images corresponding to the results of different gradation processes on the image data representing gradation;

inputting information for, from among the plurality of gradation images output from ~~said~~ the second output unit, selecting a gradation image corresponding to ~~said~~ the gradation image output from ~~said~~ the first output unit; and

setting gradation conversion conditions for ~~said~~ the second output unit by using the selected gradation image as a target.

14. (currently amended) An image processing method according to Claim 13, wherein ~~said~~ the first output unit is a monitor.

15. (original) An image processing method according to Claim 13, wherein each gradation image is a gray scale image.

- 3 -

16. and 17. (canceled)

18. (currently amended) An image processing apparatus for performing gradation matching between images formed by a first output unit and a second output unit which have different gradation-reproduction ranges, said image processing apparatus comprising:

means for controlling ~~said~~ the first output unit to output a gradation image in accordance with image data representing gradation;

means for controlling ~~said~~ the second output unit to output a plurality of gradation images corresponding to the results of different gradation processes on the image data representing gradation;

input means for inputting information for, from among the plurality of gradation images output from ~~said~~ the second output unit, selecting a gradation image corresponding to ~~said~~ the gradation image output from ~~said~~ the first output unit; and

setting means for setting gradation conversion conditions for ~~said~~ the second output unit by using the selected gradation image as a target.

19. and 20. (canceled)

21. (currently amended) A recording medium containing a program for implementing an image processing method for performing gradation matching between images formed by a first output unit and a second output unit which have different gradation-reproduction ranges, the program comprising the steps of:

controlling ~~said~~ the first output unit to output a gradation image in accordance with image data representing gradation;

controlling ~~said~~ the second output unit to output a plurality of gradation images corresponding to the results of different gradation processes on the image data representing gradation;

inputting information for, from among the plurality of gradation images output from ~~said~~ the second output unit, selecting a gradation image corresponding to ~~said~~ the gradation image output from ~~said~~ the first output unit; and

setting gradation conversion conditions for ~~said~~ the second output unit by using the selected gradation image as a target.